IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with <u>underlining</u> and deleted text with ~~strikethrough~~.

Please REPLACE the paragraphs on page 10, lines 12-16, with the following paragraphs:

[0028]   V) Determination of the n_d components $d_k{}^*$ of the currently received, modified transmit data vector d* from IV) according to

$$\cancel{d_k^* = \sqrt{\lambda_k \cdot P_k} \cdot d_k + \gamma \cdot \tilde{n}_k} \, \underline{d_k^* = \sqrt{\lambda_k \cdot P_k} \cdot d_k + \gamma \cdot \tilde{n}_k} \, (4)$$

where k = 1...n_d

[0029]   Analogously to step IV, it also holds here that:

$$\cancel{\tilde{y}_k = \sqrt{\lambda_k P_k \frac{d_k}{\gamma} + \tilde{n}_k}} \, \underline{\tilde{y}_k = \sqrt{\lambda_k P_k \cdot \frac{d_k}{\gamma}} + \tilde{n}_k}$$